

Data File : VX000583.D
Acq On : 31 Mar 2018 10:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 02 05:41:42 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	143	0.00
2 T	Dichlorodifluoromethane	0.551	0.456	17.2	122	0.00
3 P	Chloromethane	0.581	0.439	24.4#	115	0.00
4 C	Vinyl Chloride	0.613	0.572	6.7#	136	0.00
5 T	Bromomethane	0.771	0.647	16.1	114	0.00
6 T	Chloroethane	0.461	0.390	15.4	136	0.00
7 T	Trichlorofluoromethane	1.107	1.036	6.4	138	0.00
8 T	Diethyl Ether	0.396	0.378	4.5	142	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.617	0.586	5.0	143	0.00
10 T	Methyl Iodide	0.548	0.727	-32.7#	168#	0.00
11 T	Tert butyl alcohol	0.225	0.200	11.1	126	0.00
12 CM	1,1-Dichloroethene	0.542	0.533	1.7#	140	0.00
13 T	Acrolein	0.074	0.078	-5.4	160#	0.00
14 T	Allyl chloride	1.040	0.916	11.9	131	0.00
15 T	Acrylonitrile	0.455	0.415	8.8	134	0.00
16 T	Acetone	0.543	0.600	-10.5	161#	0.00
17 T	Carbon Disulfide	1.583	1.431	9.6	139	0.00
18 T	Methyl Acetate	1.138	1.011	11.2	129	0.00
19 T	Methyl tert-butyl Ether	2.004	1.963	2.0	141	0.00
20 T	Methylene Chloride	0.627	0.577	8.0	138	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.589	2.6	145	0.00
22 T	Diisopropyl ether	1.694	1.797	-6.1	165#	0.00
23 T	Vinyl Acetate	1.606	1.737	-8.2	149	0.00
24 P	1,1-Dichloroethane	1.065	0.981	7.9	130	0.00
25 T	2-Butanone	0.610	0.577	5.4	134	0.00
26 T	2,2-Dichloropropane	0.747	0.677	9.4	125	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.501	11.3	128	0.00
28 T	Bromochloromethane	0.439	0.439	0.0	130	0.00
29 T	Tetrahydrofuran	0.375	0.330	12.0	122	0.00
30 C	Chloroform	0.998	0.959	3.9#	130	0.00
31 T	Cyclohexane	0.823	0.751	8.7	131	-0.01
32 T	1,1,1-Trichloroethane	0.901	0.855	5.1	132	0.00
33 S	1,2-Dichloroethane-d4	0.653	0.666	-2.0	138	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	142	0.00
35 S	Dibromofluoromethane	0.315	0.316	-0.3	136	0.00
36 T	1,1-Dichloropropene	0.468	0.429	8.3	135	0.00
37 T	Ethyl Acetate	0.640	0.543	15.2	122	0.00
38 T	Carbon Tetrachloride	0.491	0.454	7.5	132	0.00
39 T	Methylcyclohexane	0.570	0.536	6.0	138	0.00
40 TM	Benzene	1.360	1.271	6.5	134	0.00
41 T	Methacrylonitrile	0.337	0.292	13.4	130	0.00
42 TM	1,2-Dichloroethane	0.534	0.503	5.8	135	-0.01
43 T	Isopropyl Acetate	0.952	0.889	6.6	131	0.00
44 TM	Trichloroethene	0.390	0.370	5.1	143	0.00
45 C	1,2-Dichloropropane	0.348	0.328	5.7#	133	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.261	4.4	140	0.00
47 T	Bromodichloromethane	0.481	0.479	0.4	136	0.00
48 T	Methyl methacrylate	0.462	0.431	6.7	131	0.00
49 T	1,4-Dioxane	0.010	0.009	10.0	136	0.00
50 S	Toluene-d8	1.305	1.349	-3.4	149	0.00
51 T	4-Methyl-2-Pentanone	0.737	0.678	8.0	131	0.00
52 CM	Toluene	0.951	0.946	0.5#	147	0.00
53 T	t-1,3-Dichloropropene	0.557	0.560	-0.5	140	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.576	-6.7	147	0.00
55 T	1,1,2-Trichloroethane	0.391	0.383	2.0	142	0.00
56 T	Ethyl methacrylate	0.593	0.603	-1.7	145	0.00
57 T	1,3-Dichloropropane	0.625	0.614	1.8	143	0.00
58 T	2-Chloroethyl Vinyl ether	0.284	0.286	-0.7	139	0.00
59 T	2-Hexanone	0.626	0.597	4.6	136	0.00
60 T	Dibromochloromethane	0.400	0.442	-10.5	151#	0.00
61 T	1,2-Dibromoethane	0.419	0.453	-8.1	154#	0.00
62 S	4-Bromofluorobenzene	0.509	0.547	-7.5	153#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	160#	0.00
64 T	Tetrachloroethene	0.388	0.348	10.3	152#	0.00
65 PM	Chlorobenzene	1.113	1.024	8.0	151#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.371	1.9	152#	0.00
67 C	Ethyl Benzene	1.886	1.744	7.5#	148	0.00
68 T	m/p-Xylenes	0.742	0.719	3.1	154#	0.00
69 T	o-Xylene	0.719	0.689	4.2	152#	0.00
70 T	Styrene	1.189	1.161	2.4	149	0.00
71 P	Bromoform	0.336	0.331	1.5	154#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	168#	0.00
73 T	Isopropylbenzene	3.313	2.943	11.2	147	0.00
74 T	N-amyl acetate	1.653	1.271	23.1#	131	0.00
75 P	1,1,2,2-Tetrachloroethane	1.172	1.010	13.8	142	0.00
76 T	1,2,3-Trichloropropane	1.075	0.921	14.3	143	0.00
77 T	Bromobenzene	0.883	0.795	10.0	159#	0.00
78 T	n-propylbenzene	3.950	3.434	13.1	147	0.00
79 T	2-Chlorotoluene	2.282	1.940	15.0	146	0.00
80 T	1,3,5-Trimethylbenzene	2.786	2.535	9.0	147	0.00
81 T	trans-1,4-Dichloro-2-butene	0.332	0.297	10.5	140	0.00
82 T	4-Chlorotoluene	2.725	2.397	12.0	147	0.00
83 T	tert-Butylbenzene	2.809	2.542	9.5	151#	0.00
84 T	1,2,4-Trimethylbenzene	2.920	2.605	10.8	146	0.00
85 T	sec-Butylbenzene	3.476	3.127	10.0	147	0.00
86 T	p-Isopropyltoluene	3.087	2.856	7.5	149	0.00
87 T	1,3-Dichlorobenzene	1.669	1.536	8.0	157#	0.00
88 T	1,4-Dichlorobenzene	1.752	1.598	8.8	158#	0.00
89 T	n-Butylbenzene	2.874	2.623	8.7	150#	0.00

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX033118\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.486	0.442	9.1	143	0.00
91 T	1,2-Dichlorobenzene	1.636	1.520	7.1	154#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.327	0.273	16.5	138	0.00
93 T	1,2,4-Trichlorobenzene	1.173	1.140	2.8	169#	0.00
94 T	Hexachlorobutadiene	0.486	0.445	8.4	156#	0.00
95 T	Naphthalene	4.085	3.859	5.5	155#	0.00
96 T	1,2,3-Trichlorobenzene	1.159	1.115	3.8	162#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6